

Applicant: Reiter, et al.
U.S. Serial No.: 09/855,153
Filed: May 14, 2001
Page: 5

continuing on to page 23, lines 1-22. Accordingly, these changes do not involve new matter and applicants respectfully request entry of these changes.

No fee is due in connection with this Supplemental Amendment. However, if a fee is deemed necessary, applicants authorize the Patent Office to charge the fee to the Deposit Account No. 50-0306.

Respectfully submitted,



Sarah B. Adriano
Registration No. 34,470
Stephanie Hsieh
Registration No. 38,497
Attorneys for Applicants
Mandel & Adriano
55 S. Lake Avenue, Suite 710
Pasadena, California 91101
(626) 395-7801
Customer No:26941

Applicant: Reiter, et al.
U.S. Serial No.: 09/855,153
Filed: May 14, 2001
Page: 6

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please amend claims 53 and 55-69.

--53. (twice amended) A [Prostate Stem Cell Antigen (PSCA) protein fragment which induces an immune response in a subject, wherein the fragment comprises a portion of the PSCA protein, and the PSCA] protein fragment [is] selected from the group consisting of:

- a. amino acid residues 2 through 50 as described in SEQ ID NO:2;
- b. amino acid residues 85 through 123 as described in SEQ ID NO:2;
- c. amino acid residues 46 through 109 as described in SEQ ID NO:2;
- d. amino acid residues 18 through 98 as described in SEQ ID NO:2;
- e. amino acid residues 22 through 99 as described in SEQ ID NO:2;
- f. amino acid residues 21 through 50 as described in SEQ ID NO:2;
- g. amino acid residues 46 through 85 as described in SEQ ID NO:2;
- h. amino acid residues 50 through 64 as described in SEQ ID NO:2;
- i. amino acid residues 67 through 81 as described in SEQ ID NO:2;
- j. amino acid residues 21 through 99 as described in SEQ ID NO:2;
- k. amino acid residues 71 through 82 as described in SEQ ID NO:2;
- l. amino acid residues 85 through 99 as described in SEQ ID NO:2;
- m. amino acid residues 18 through 50 as described in SEQ ID NO:2;
- n. amino acid residues 46 through 98 as described in SEQ ID NO:2; or
- o. amino acid residues 85 through 98 as described in SEQ ID NO:2.--

--55. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 2 through 50 as described in SEQ ID NO:2.--

Applicant: Reiter, et al.
U.S. Serial No.: 09/855,153
Filed: May 14, 2001
Page: 7

- 56. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 85 through 123 as described in SEQ ID NO:2.--
- 57. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 46 through 109 as described in SEQ ID NO:2.--
- 58. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 18 through 98 as described in SEQ ID NO:2.--
- 59. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 22 through 99 as described in SEQ ID NO:2.--
- 60. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 21 through 50 as described in SEQ ID NO:2.--
- 61. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 46 through 85 as described in SEQ ID NO:2.--
- 62. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 50 through 64 as described in SEQ ID NO:2.--
- 63. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 67 through 81 as described in SEQ ID NO:2.--
- 64. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 21 through 99 as described in SEQ ID NO:2.--
- 65. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 71 through 82 as described in SEQ ID NO:2.--

Applicant: Reiter, et al.
U.S. Serial No.: 09/855,153
Filed: May 14, 2001
Page: 8

- 66. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 85 through 99 as described in SEQ ID NO:2.--
- 67. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 18 through 50 as described in SEQ ID NO:2.--
- 68. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 46 through 98 as described in SEQ ID NO:2.--
- 69. (amended) The [PSCA] protein fragment of claim 53, consisting of amino acid residues 85 through 98 as described in SEQ ID NO:2.--

Add new claim 70:

- 70. (new) A recombinant protein comprising a Prostate Stem Cell Antigen (PSCA) protein fragment, wherein the PSCA protein fragment consists of a protein selected from the group consisting of:
 - a. amino acid residues 2 through 50 as described in SEQ ID NO:2;
 - b. amino acid residues 85 through 123 as described in SEQ ID NO:2;
 - c. amino acid residues 46 through 109 as described in SEQ ID NO:2;
 - d. amino acid residues 18 through 98 as described in SEQ ID NO:2;
 - e. amino acid residues 22 through 99 as described in SEQ ID NO:2;
 - f. amino acid residues 21 through 50 as described in SEQ ID NO:2;
 - g. amino acid residues 46 through 85 as described in SEQ ID NO:2;
 - h. amino acid residues 50 through 64 as described in SEQ ID NO:2;
 - i. amino acid residues 67 through 81 as described in SEQ ID NO:2;
 - j. amino acid residues 21 through 99 as described in SEQ ID NO:2;
 - k. amino acid residues 71 through 82 as described in SEQ ID NO:2;

Applicant: Reiter, et al.
U.S. Serial No.: 09/855,153
Filed: May 14, 2001
Page: 9

- l. amino acid residues 85 through 99 as described in SEQ ID NO:2;
- m. amino acid residues 18 through 50 as described in SEQ ID NO:2;
- n. amino acid residues 46 through 98 as described in SEQ ID NO:2; or
- o. amino acid residues 85 through 98 as described in SEQ ID NO:2.--